

CAMCO Q-Power Series is a new range of 4 channel, high output power amplifiers. The Q-Power 6 and the Q-Power 10 have been designed to provide that, Powerful Pure Sonic Performance which is now so synonymous with the CAMCO brand name.

### New Technology

The CAMCO Q-Power 10 introduces new class D amplifier technology offering smooth and responsive handling with massive power output while maintaining CAMCO's famous sonic integrity, the CAMCO Q-Power 6 uses class H technology, both models benefiting from the latest advances in CAMCO's SMPS technology, the resulting high power, lightweight units are at home in all professional applications.

### Designed for flexibility of Use

With the introduction of the Q-Power series CAMCO aim to deliver simple, pure and reliable power for applications where cost and ease of use are paramount without lose of integrity.

### Straight Forward Approach

CAMCO have paid attention to market requirements for a straight forward approach. In introducing the Q-Power Series CAMCO identified, key elements, such as power output, loading, AC power supply flexibility and connectivity. The result is two, outstanding power output options, across four channels, in a 19" 2 RU rugged case design, suitable for professional Installations, Theatre and Live Sound applications.

### Features

- Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation
- Two temperature controlled cooling fans
- Two switchable peak-limiter for channel A+B and C+D
- 100 V/70 V (Q-Power 10), 70 V (Q-Power 6) line operation
- CAMCO Switch Mode Power Supply technology
- 2500 W (Q-Power 10) / 1500 W (Q-Power 6) max RMS output at 4 Ω per channel

### 6 Years Warranty

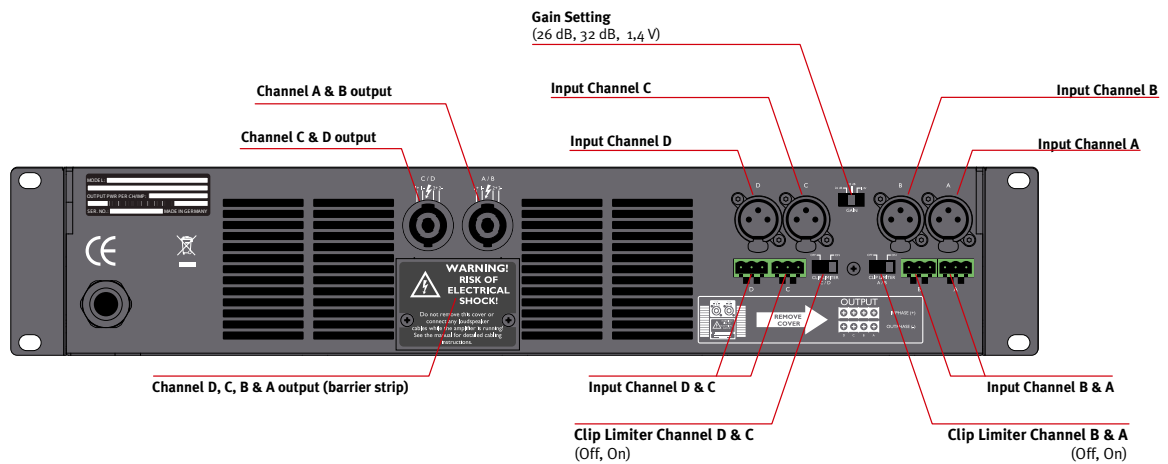
CAMCO amplifiers renowned reliability is backed up by 6 years warranty from date of first purchase.

*Along with ABCD channel identification, clear LED status indicators above each potentiometer indicate; Amp on, Signal present (this is red if in protect mode), Output current and clip status, all information is clear and precise. A gain control security cover is also provided.*



*Flexible connectivity as standard; the input section is supplied with both XLR and Phoenix connectors, while the output section is supplied with both Speakon and Barrier Strip connectors with cover.*





### Specifications:

	Q-Power 6	Q-Power 10	
<b>Power per channel</b> All channels driven @ 1kHz, THD < 1%	16 Ω	470 W	620 W
	8 Ω	800 W	1100 W
	4 Ω	1000 W	1800 W
	4 Ω Max RMS	1500 W	2500 W
	70 V line operation	950 W	1600 W
	100 V line operation	N/A	625 W
<b>Power per channel</b> Single channel driven @ 1kHz, THD < 1%	16 Ω	480 W	620 W
	8 Ω	960 W	1350 W
	4 Ω	1500 W	2400 W
	4 Ω Max RMS	1600 W	2600 W
<b>No. of channels</b>	4	4	
<b>Max. Output Voltage</b>	125V <sub>p</sub> / 250V <sub>pp</sub>	145V <sub>p</sub> / 290V <sub>pp</sub>	
<b>Output Circuitry</b>	Class H	Class D	
<b>Signal To Noise-Ratio</b> 20 Hz - 20 kHz, 8 Ω load	> 115 dB (A-weighted) > 112 dB (unweighted)	> 115 dB (A-weighted) > 112 dB (unweighted)	
<b>THD+N (typical)</b> 20 Hz - 20 kHz, 8 Ω load, 6 dB below rated power	< 0,01 %	< 0,01 %	
<b>SMPTE 4:1 (typical)</b> 60 Hz + 7kHz, 8 Ω load 8 dB below rated power	< 0,01 %	< 0,02 %	
<b>Damping Factor</b> 8 Ω load, 1 kHz and below	> 350	> 600	
<b>Net Weight</b>	10,6 kg / 23,4 lbs	11,5 kg / 25,4 lbs	
<b>Shipping Weight</b>	12,6 kg / 27,8 lbs	13,5 kg / 29,8 lbs	
<b>Frequency Response</b> 8 Ω load, 1 dB below rated power	20 Hz - 20 kHz ± 0,15 dB		
<b>Input Impedance</b>	15 kΩ balanced		
<b>Input Gain</b>	selectable: 26 dB, 32 dB or 1,4 V input sensitivity		
<b>Protection Circuits</b>	inrush-current limitation, protection circuits against power on/off transients, temperature monitoring of transformers and heat-sinks, output DC protection, power transistor control, temperature dependent SOA protection, intelligent mains fuse protection		
<b>Limiter</b>	two switchable peak-limiter for channel A+B and C+D respectively		
<b>Fan</b>	2 temperature dependent speed-controlled axial fans		
<b>Indicators</b>	LED's for ON, SIGNAL/PROTECT, CLIP, Output Current		
<b>Input Connectors</b>	3-pin XLR, male and female per channel, pin 2 = in phase / Phoenix Connectors, pin 1 = in phase, pin 2 = GND		
<b>Output Connectors</b>	Two 4-pole SPEAKON connectors / Barrier Strip with protection cover		
<b>Operation Voltage</b>	Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation		
<b>Dimensions (WxHxD)</b>	483 x 88,9 x 419 mm / 19 x 3,5 x 16,5 inches (19", 2U)		
<b>Shipping Dim. (WxHxD)</b>	600 x 105 x 527 mm / 23,3 x 4,1 x 20,7 inches		
<b>Accessories included</b>	Gain pot security cover		

Specifications subject to technical alterations without prior notice.